TEN00102-05

Operation & Maintenance Manual

BULLDOZER

D85EX -15E0
D85PX -15E0

SERIAL NUMBERS D85EX- 11001 and up
D85PX- 1201

ecot3

WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept near the machine for reference and periodically reviewed by all personnel who will come into contact with it.

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

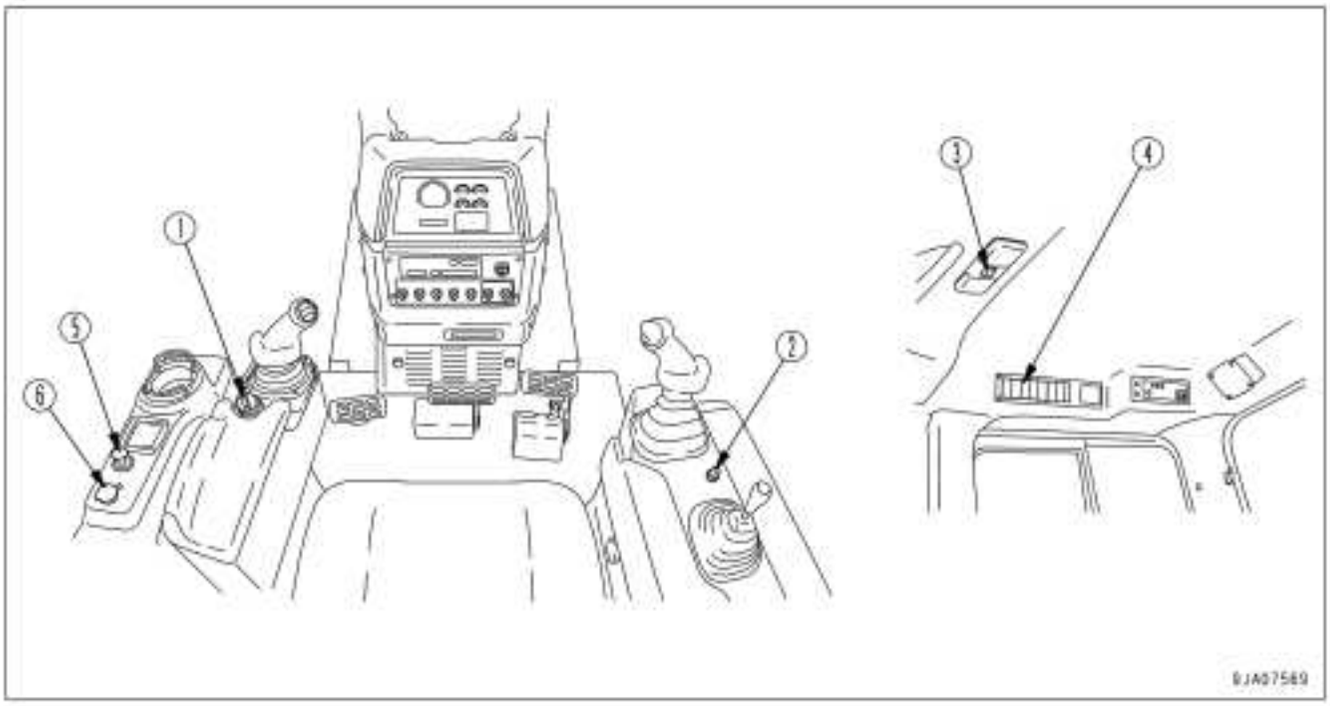
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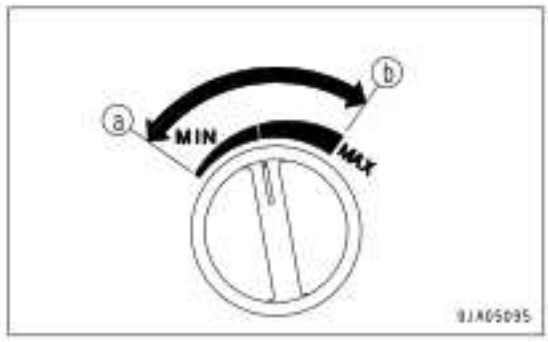
SWITCHES



(1) Fuel control dial
(2) Horn switch
(3) Room lamp switch
(4) Wiper switch
(5) Cigarette lighter (24V)
(6) Accessory socket (12V)

FUEL CONTROL DIAL

Dial (1) is used to control the engine speed and output.
(a) Low idling position: Turn fully to the left
(b) High idling position: Turn fully to the right



REMARK
To stop the engine, turn the starting switch to the OFF position.

HORN SWITCH

The horn sounds when the button (2) at the rear of the blade control lever at the right side of the operator's seat is pressed.

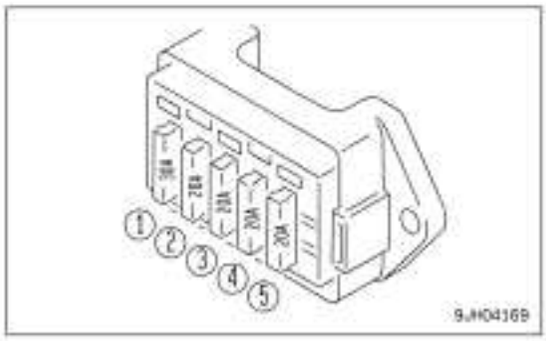


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FUSE CAPACITY AND CIRCUIT NAME

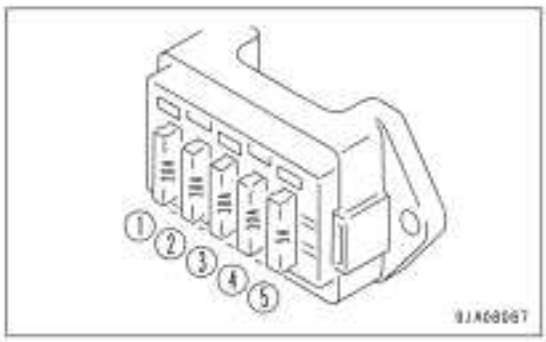
Fuse box (A)

No.	Fuse capacity	Circuit
1	30A	Spere power source
2	20A	Horn, Intake air heater
3	20A	Head lamp
4	20A	Rear lamp
5	20A	Controller continuous power



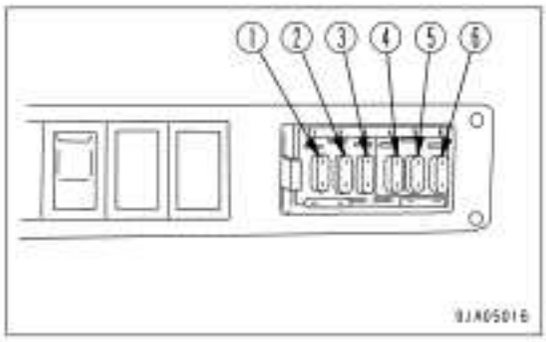
Fuse box (B)

No.	Fuse capacity	Circuit
(1)	20A	Engine starting switch
(2)	30A	Transmission Steering controller
(3)	30A	Backup alarm (Reverse travel alarm buzzer)
(4)	30A	Air conditioner
(5)	5A	Accessory power



Fuse box (C)

No.	Fuse capacity	Circuit
(1)	10A	Radio memory
(2)	20A	Radio, lamp, cigarette lighter
(3)	20A	Heated wire glass (If equipped)
(4)	10A	Rear wiper
(5)	10A	Front wiper
(6)	10A	Left and right door wiper



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REPLACE FUEL MAIN FILTER CARTRIDGE

Carry out this operation after carrying out the maintenance in the "REPLACE FUEL PRE-FILTER CARTRIDGE (PAGE 4-55)" for every 500 hours.

⚠ WARNING

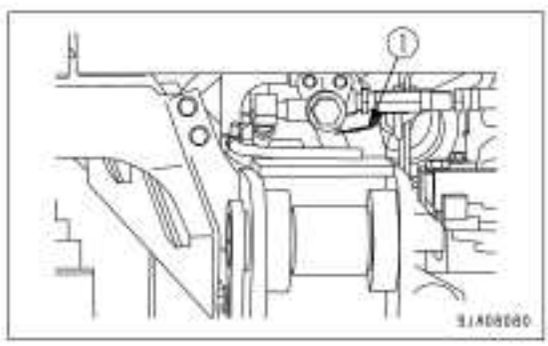
- **After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.**
- **High pressure is generated inside the engine fuel piping system when the engine is running.**
  When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.
- **Do not bring any fire or flame close.**
- **Be careful when opening the air bleed plug in the fuel filter head. It is still under pressure, so fuel may spurt out.**

NOTICE

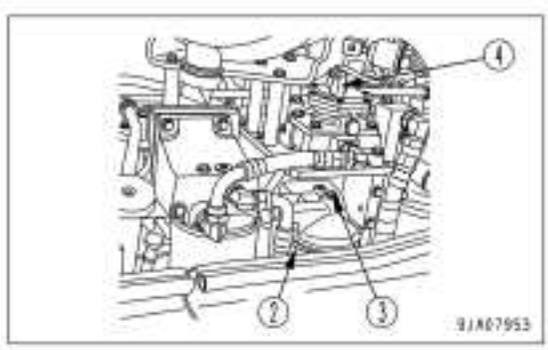
- **Genuine Komatsu fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine Komatsu part.**
- **The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle.**
  If any part other than a genuine Komatsu filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.
- **When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.**

Prepare a filter wrench and a container to catch the fuel.

1. Close valve (1) at the bottom of the fuel tank.



2. Set the container to catch the fuel under the filter cartridge (2).
3. Using a filter wrench, turn filter cartridge (2) counterclockwise to remove it.



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